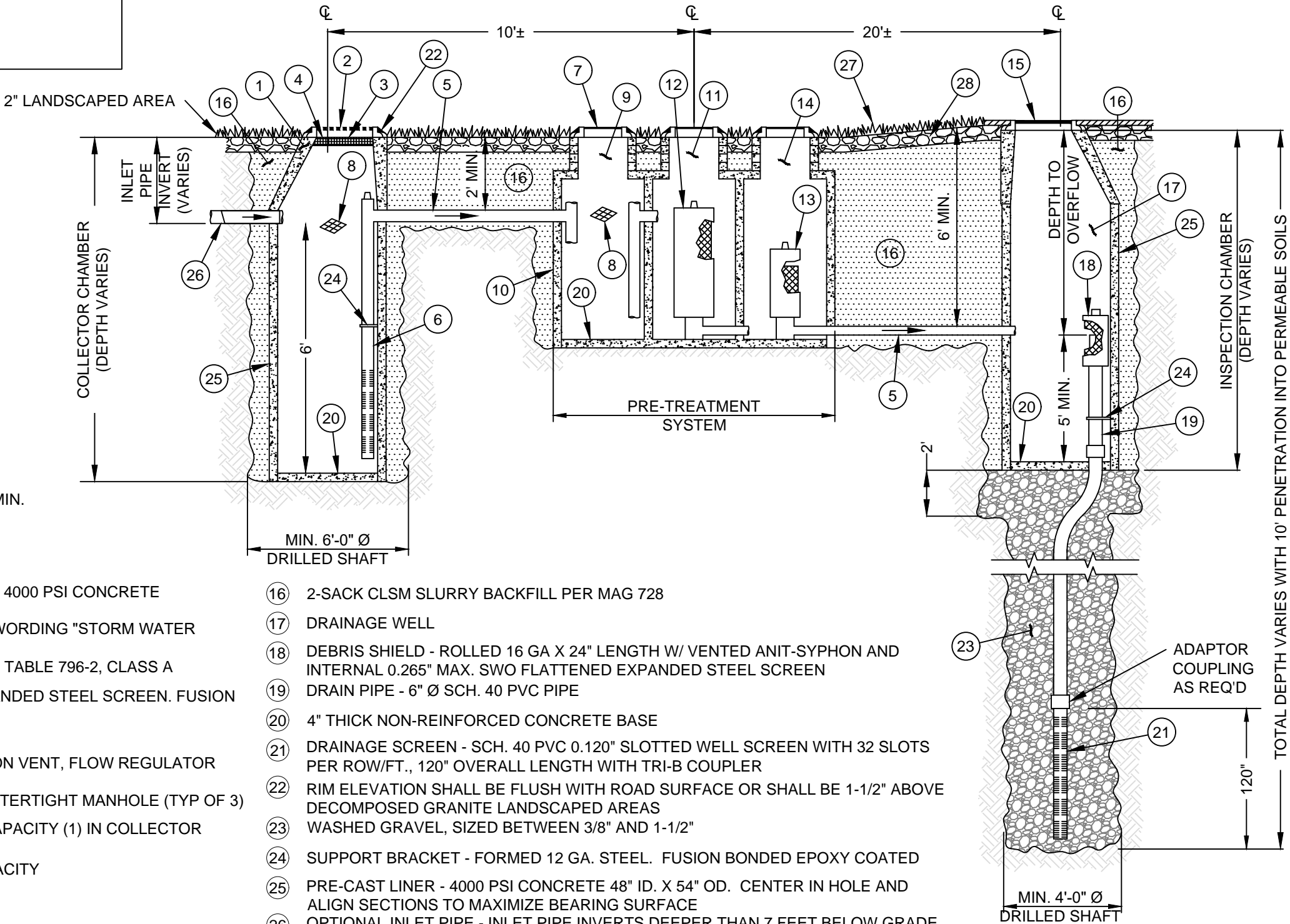


DRAFT EXAMPLE

January 17, 2017



NOTES:
1. DETAIL SHOWN HAS A RATED CAPACITY OF 20 GAL/MIN.

- LEGEND:
- | | | | |
|---|--|----|--|
| ① | MODIFIED FLAT BOTTOM PRECAST MANHOLE CONE - 4000 PSI CONCRETE MORTAR TO C.I. RING | ①⑥ | 2-SACK CLSM SLURRY BACKFILL PER MAG 728 |
| ② | BOLTED RING/GRATE - 30" Ø NOM. CAST IRON WITH WORDING "STORM WATER ONLY" IN RAISED LETTERS | ①⑦ | DRAINAGE WELL |
| ③ | FABRIC SEAL - GEOTEXTILE FILTER FABRIC PER MAG TABLE 796-2, CLASS A | ①⑧ | DEBRIS SHIELD - ROLLED 16 GA X 24" LENGTH W/ VENTED ANIT-SYPHON AND INTERNAL 0.265" MAX. SWO FLATTENED EXPANDED STEEL SCREEN |
| ④ | DEBRIS BASKET - 6" X 30" Ø, 10 GA. FLATTENED EXPANDED STEEL SCREEN. FUSION BONDED EPOXY COATED | ①⑨ | DRAIN PIPE - 6" Ø SCH. 40 PVC PIPE |
| ⑤ | CONNECTING PIPE - 4" Ø SCH. 40 PVC | ②① | 4" THICK NON-REINFORCED CONCRETE BASE |
| ⑥ | OVERFLOW PIPE - 4" Ø SCH. 40 PVC WITH ANTI-SIPHON VENT, FLOW REGULATOR AND SCREEN | ②② | DRAINAGE SCREEN - SCH. 40 PVC 0.120" SLOTTED WELL SCREEN WITH 32 SLOTS PER ROW/FT., 120" OVERALL LENGTH WITH TRI-B COUPLER |
| ⑦ | BOLTED RING & COVER - 30" Ø CLEAN CAST IRON WATERTIGHT MANHOLE (TYP OF 3) | ②③ | RIM ELEVATION SHALL BE FLUSH WITH ROAD SURFACE OR SHALL BE 1-1/2" ABOVE DECOMPOSED GRANITE LANDSCAPED AREAS |
| ⑧ | HYDROPHOBIC PETROCHEMICAL SPONGE - 1 GAL CAPACITY (1) IN COLLECTOR CHAMBER, AND (1) IN SILT FILTER CHAMBER | ②④ | WASHED GRAVEL, SIZED BETWEEN 3/8" AND 1-1/2" |
| ⑨ | PRIMARY SEPARATOR CHAMBER. 833 GAL MIN. CAPACITY | ②⑤ | SUPPORT BRACKET - FORMED 12 GA. STEEL. FUSION BONDED EPOXY COATED |
| ⑩ | 2,500 GALLON TANK | ②⑥ | PRE-CAST LINER - 4000 PSI CONCRETE 48" ID. X 54" OD. CENTER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE |
| ⑪ | FILTRATION CHAMBER - MIN. 833 GAL. CAPACITY | ②⑦ | OPTIONAL INLET PIPE - INLET PIPE INVERTS DEEPER THAN 7 FEET BELOW GRADE MAY REQUIRE LIFT STATION WITH A SUMP PUMP |
| ⑫ | SILT FILTER (2) EACH - MIN. 3,600 SQ. IN. POLYPROPYLENE FABRIC MESH | ②⑧ | GRADED BASIN OR PAVING |
| ⑬ | PUREFLO™ II ASSEMBLY (2) EACH - HYDROPHOBIC IMBIBER BEAD DRAIN FIELD | | |
| ⑭ | IMBIBATION CHAMBER - MIN. 833 GAL CAPACITY | | |
| ⑮ | BOLTED RING/COVER - 30" Ø CAST IRON MANHOLE SOLID COVER WITH "STORM WATER ONLY" IN RAISED LETTERING | | |

DETAIL NO.
XXX-X



STANDARD DETAIL
ENGLISH

Pretreatment Drywell System Detail

PROPOSED
0X-0X-20XX

DETAIL NO.
XXX-X